rocketfish™

Wireless Optical Notebook Mouse

RF-WTRMS

User Guide

Rocketfish RF-WTRMS Wireless Optical Notebook Mouse

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Introduction

Congratulations on your purchase of a Rocketfish optical notebook mouse! Your Rocketfish mouse is sensitive to any movement, making it easy for you to control the on-screen pointer. It's also easy to set up, and its self-storing USB receiver makes it convenient for travel anywhere. This ergonomically designed mouse uses a radio frequency (RF) link that lets you to use the mouse anywhere within range of its receiver. No line-of-sight is required between the mouse and its receiver.

In addition to this *User Guide*, this package contains:

- Wireless optical mouse
- USB RF receiver
- 2 AAA batteries
- Carrying pouch

System requirements

Hardware

- PC with a Pentium processor (or equivalent)
- USB port

Operating system

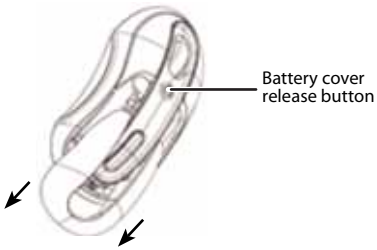
- Microsoft® Windows® 98SE/Me/2000/XP and Mac

Using the mouse

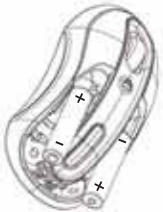
Installing the batteries

To install the batteries:

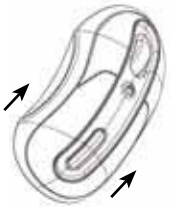
1 Press the battery cover release button, then slide the battery cover off the mouse.



2 Insert batteries into the battery compartment. Make sure that the positive (+) and negative (-) ends of each battery match the diagrams inside the battery compartment.



3 Slide the battery cover back onto the mouse.

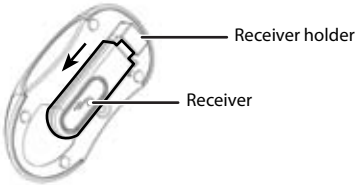


Removing the receiver from the mouse

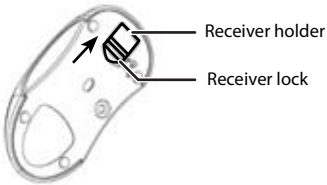
The USB RF receiver is conveniently stored on the bottom of the mouse.

To remove the receiver from the mouse:

1 Pull the receiver away from the receiver holder.



2 Press the receiver holder into the mouse, then slide the receiver lock against the holder to lock it into place.



Connecting the receiver to the computer

To connect the mouse receiver to the computer:

- Plug the USB receiver into an available USB port on your computer. The receiver's LED turns red, and your computer identifies the receiver and begins installing the default driver.

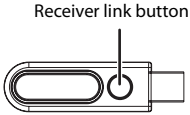
  Important*: If a message or dialog box appears on the screen, follow the on-screen prompts to complete the driver installation.*

Linking the mouse and receiver

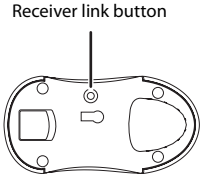
The mouse has 256 identification codes that allow the mouse and its receiver to operate without interference from other RF devices. After your computer detects the USB receiver and the default driver is installed, you must make a communications link between the mouse and its receiver before you can use the mouse.

To make a communications link:

1. Press and release the link button on the receiver. The receiver's status light blinks green when the receiver is activated.



2. Press and release the link button on the bottom of the mouse. The two devices establish their communication link. The receiver's status light first blinks green, then turns red when the connection is made.



The mouse is now ready to use.

Operating tips

For best performance and RF reception:

- Place the receiver at least 8 inches (20 cm) away from all electrical devices, such as your monitor, speakers, or external drives. If necessary, use the extension cable to move the receiver away from the computer (if your computer is too close to other electrical devices). Plug the receiver into an extension cable (USB A male to USB A female, not included), and plug the extension cable into the computer.
- Avoid using the mouse on a metal surface. Metals such as iron, aluminum, or copper shield the radio frequency transmission and may slow down the mouse's response time or cause the mouse to fail temporarily.
- The mouse enters a Sleep mode whenever your computer does. To activate the mouse, just move or click the mouse.
- If your computer has a metal case that contains aluminum or magnesium, use the mouse to the side, because the display may interfere with the radio frequency signal if you use the mouse directly in front of the computer.
- Don't use the mouse on a glass, mirror, or other highly reflective surface, because the mouse doesn't work well on those types of surfaces.
- To increase battery life, use the mouse on a white or light-colored surface. Dark surfaces cause the mouse's light emitter diode (LED) to glow brighter, which causes the battery to discharge more rapidly.

Conserving power

When the mouse batteries are running low on power, the LED light on the receiver turns red and blinks.

To use your mouse's Sleep mode:

1. Do not use your mouse for five minutes. After five minutes of inactivity, the mouse automatically enters Sleep mode to conserve battery power.
2. To wake the mouse, just move the mouse or click a mouse button.

To conserve battery power:

1. Slide the receiver lock away from the receiver holder, then pull the holder out until the LED on the bottom of the mouse turns off.

2. Insert the receiver into the receiver holder for convenient storage while travelling, and to prevent the holder from being pressed back into the mouse.

Ergonomic guidelines

Research suggests that physical discomfort and injury to nerves, tendons, and muscles may be related to repetitive motion, an improperly set up work area, incorrect body posture, and poor work habits.

To reduce the risk of injury, follow these precautions:

- Stand, stretch, and move around several times every hour.
- Switch hands while performing tasks. Use shortcut keys on the keyboard to avoid repetitive or awkward mouse movements.
- Relax your shoulders and keep your elbows at your sides.
- Adjust the keyboard's position so that you don't have to stretch to reach it.
- Adjust your position so that you don't have to bend your wrists to type. Avoid placing your wrists on a sharp edge.
- If you feel discomfort or numbness in your hands, wrists, arms, shoulders, neck, or back while typing, consult a qualified medical professional.

Troubleshooting

Your mouse doesn't work

- Make sure that the polarity of the batteries is correct. The positive (+) and negative (-) ends of each battery must match the positive (+) and negative (-) connections in the battery compartment.
- Make sure that the receiver's USB plug is firmly connected to the USB port on your computer.
- Make sure that the appropriate device drivers are installed.
- Make sure that you have made a radio link between the mouse and its receiver.

When you use the mouse, other wireless devices work more slowly or fail temporarily.

- The mouse may cause interference with any cordless, radio-based device that operates at 27 MHz, such as a telephone, baby monitor, or toy. To reduce interference, move the mouse's receiver and the base unit of the affected device as far away from each other as possible.

The response time of the mouse is slow or the mouse intermittently stops working

- Increase the distance between the mouse's receiver and the rest of your computer equipment.
- Increase the distance between the mouse's receiver and the base units of other wireless devices.
- Turn off any wireless devices and their base units that are near the mouse's receiver.
- If you are using the mouse on a metal surface, move it and the receiver to a non-metal surface. Metals such as iron, aluminum, or copper shield the radio frequency transmission and may slow down the mouse's response time or cause the mouse to fail temporarily.

You can't use the mouse while another RF mouse is in use

- Reset the identification code by re-linking the receiver and mouse. For instructions, see "Connecting the receiver to the computer" on page 5.

Specifications

Mouse	
Interface	USB low-speed device HID class
Radio frequency	27 MHz
Working distance	More than 31.5 inches (80 cm)
Resolution	1000 cpi optical
Buttons	2 buttons, plus roller button (roller acts as a third button)
Wheel	1 scrolling wheel
Power switch	Yes (the receiver holder acts as a power switch)
Battery	2 AAA batteries
Dimensions	2.15 × 1.42 × 4.13 inches (54.6 × 36 × 105 mm)
Operating voltage	1.6 V~5 V
Operating current	26 mA or lower

Receiver	
Interface	USB low-speed device HID class
Radio frequency	27 MHz
Dimensions	0.79 × 0.39 × 2.8 inches (20 × 10 × 71 mm)
Operating voltage	5V (powered by USB port)
Operating current	Below 15 mA

Legal notices

FCC statement

Wireless Optical Notebook Mouse—RF-WTRMS

This device complies with Part 15 of the FCC Rules. Operation of this product is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply within the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

Rocketfish

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ICES-003 statement

This Class B digital apparatus complies with Canada ICES-003. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Radiation exposure statement

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with IC RF exposure compliance requirements, please follow operating instructions as documented in this manual.

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